

M 5.9, SOLOMON ISLANDS

Origin Time: Tue 2008-09-09 12:22:49 UTC

Location: 9.29°S 158.25°E Depth: 10 km

PAGER Version 2

Created: 1 days, 6 hrs after earthquake

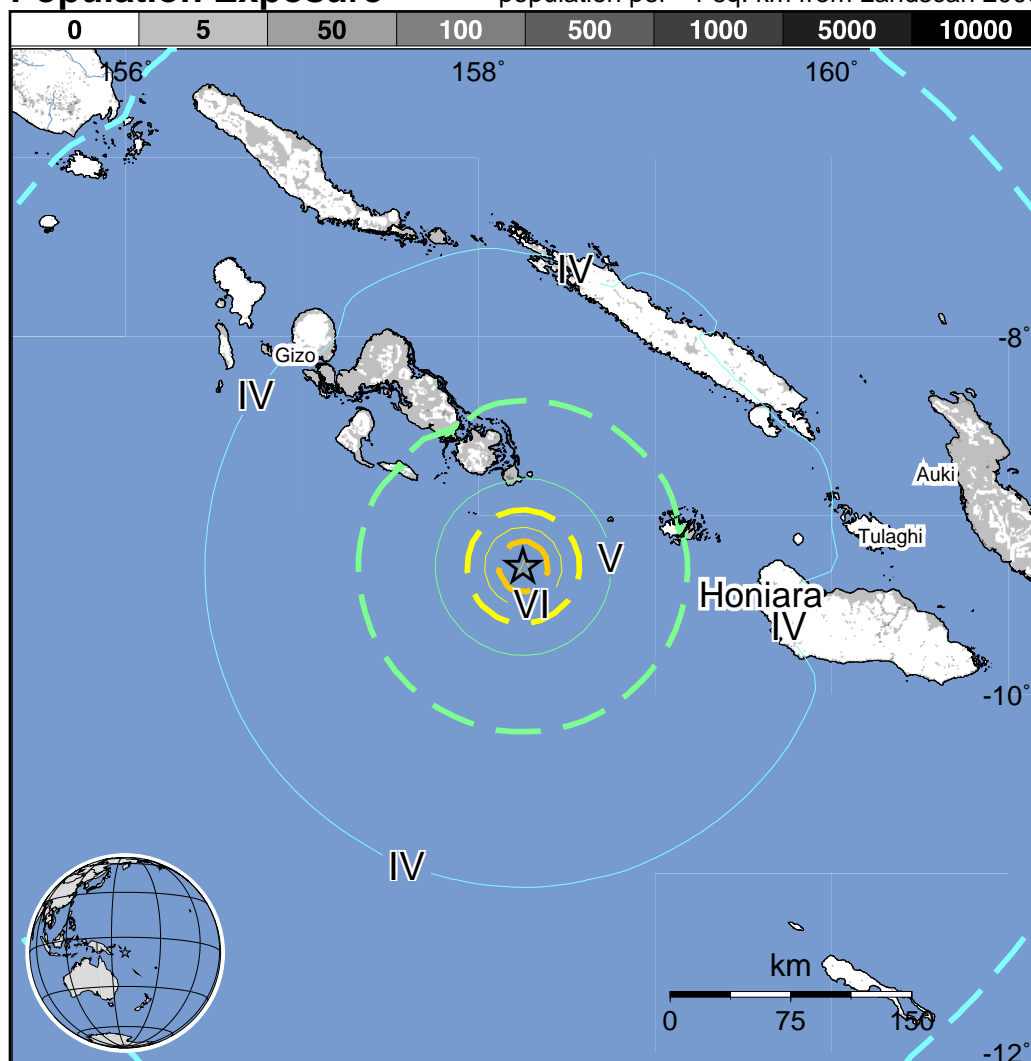
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- - *	21k*	419k	27k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure

population per ~1 sq. km from Landsat 2006

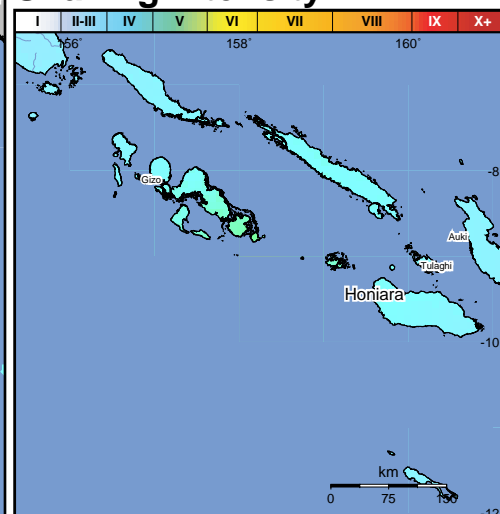


Selected City Exposure

MMI City	Population
IV Gizo	6k
IV Honiara	56k
IV Tulaghi	1k
IV Auki	4k

bold cities appear on map (k = x1000)

Shaking Intensity



Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though some resistant structures exist. On April 21, 1977 (UTC), a magnitude 7.3 earthquake 293 km Northeast of this one struck the Solomon Islands, with estimated population exposures of 41,000 at intensity VII and 154,000 at intensity VI, resulting in an estimated 18 fatalities.

This information was automatically generated and has not been reviewed by a seismologist.

<http://earthquake.usgs.gov/pager>

Event ID: us2008wta5